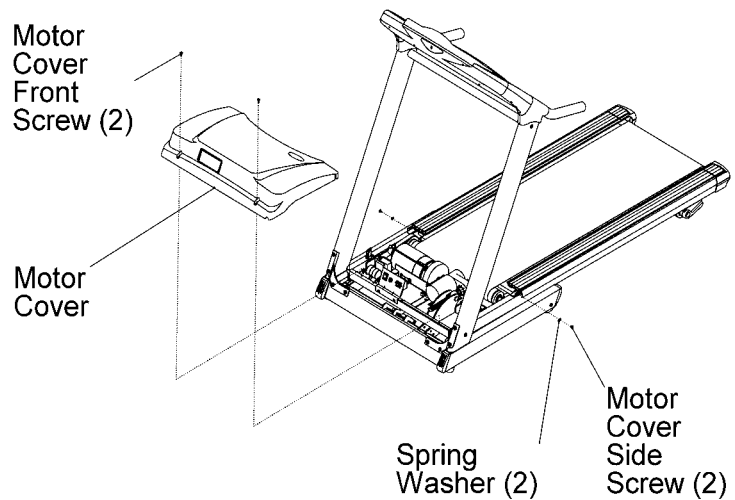


HOW TO...REPLACE THE INCLINE MOTOR OR MOTOR CONTROLLER

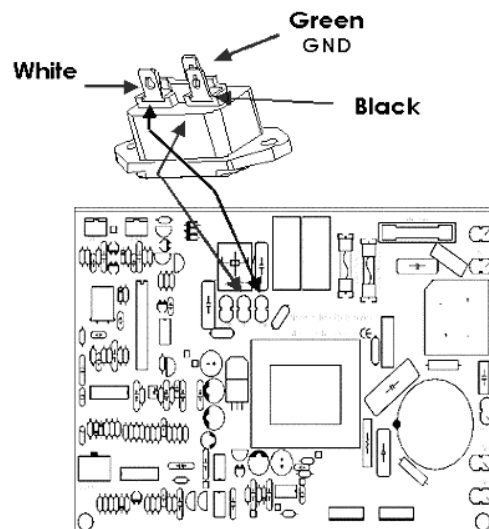
Special service tools required: none

NOTE: The treadmill must always be calibrated after an incline motor or motor controller replacement. See the calibration procedure later in this section.

1. Start with the treadmill in its unfolded position and the deck at zero incline.
2. Turn the unit off at the power switch.
3. Unplug the line cord from the wall outlet.
4. Remove the two motor cover front screws, the two motor cover side screws, and the two spring washers from the motor cover.
5. Lift off the motor cover.

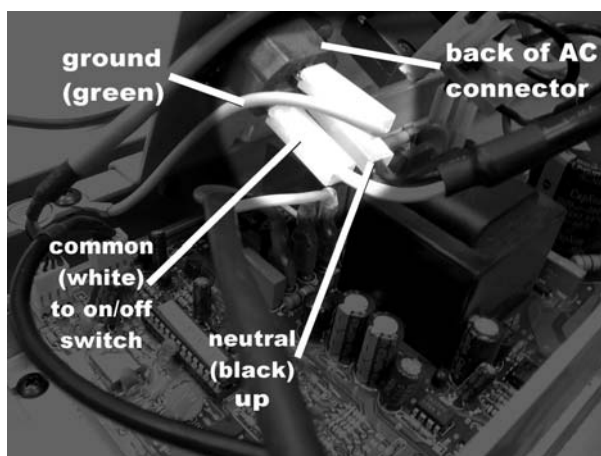


6. Note the color and location of the main power wiring on the motor controller board before proceeding.

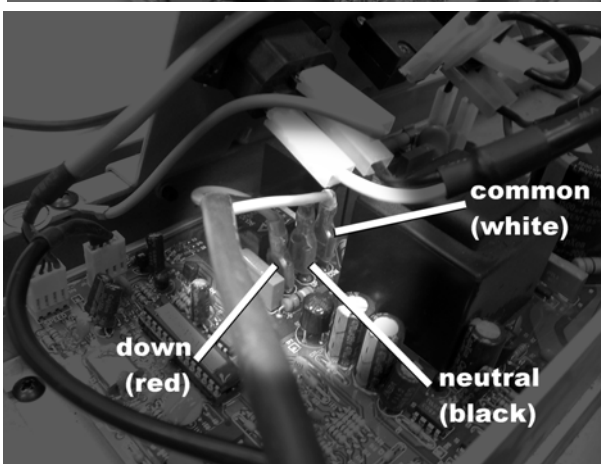


HOW TO...REPLACE THE INCLINE MOTOR OR MOTOR CONTROLLER - CONTINUED

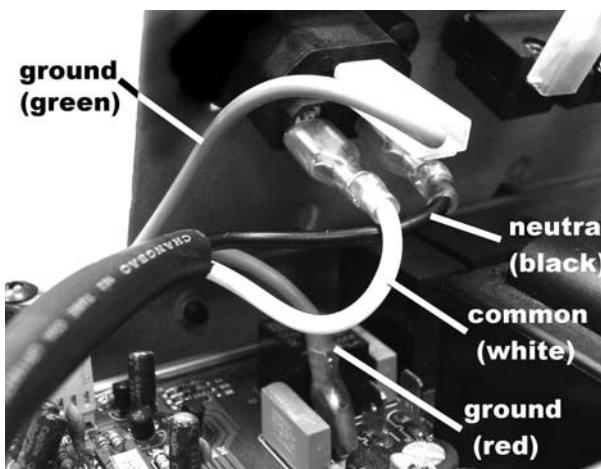
7. Remove the black and white wires from the unit's AC connector. Leave the green ground wire attached.



8. Disconnect the incline motor's black and white wires from the motor controller. Leave the red ground wire attached.



9. Connect these two incline-motor wires to the black and white connections at the bottom position fast-ons of the AC connector.
10. Plug the line cord into the wall outlet. The unit will raise automatically and stop at its maximum (10%) incline.
11. Unplug the line cord.

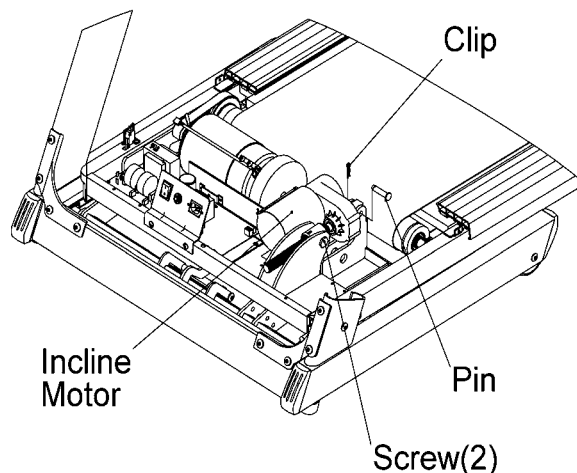
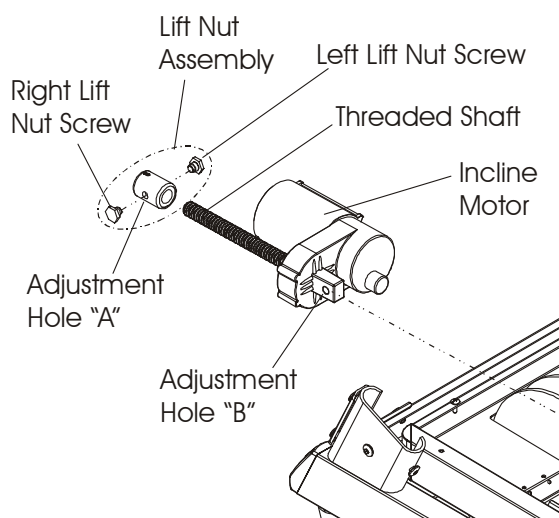


If the incline motor is being replaced, proceed to step 12. If only the motor controller is being replaced, skip to step 24.

HOW TO...REPLACE THE INCLINE MOTOR OR MOTOR CONTROLLER

CAUTION! After the incline motor lift nut screws are removed in step 15, the frame is supported only by the nitrogen gas shocks. The treadmill's deck can collapse suddenly and must be propped up before proceeding.

12. Prop up the deck. Use a large hex key in models with a hole in the rail for that purpose. For other models, place something sturdy under the deck to prevent it from collapsing during the remainder of this procedure.
13. Disconnect all wires to the incline motor (see the wiring diagrams on pages 6 and 7.)
14. Disconnect the ground and capacitor wires from the motor controller board.
15. Remove the left and right lift nut screws.
16. Remove the incline motor pin and clip.
17. Remove the incline motor.
18. Install the new incline motor in the frame.
19. Insert the incline pin and clip.
20. Incline motors are shipped with the lift nut at 10%. Adjust the nut location so that the distance from Adjustment Hole "A" to Adjustment Hole "B" on the incline motor is 9¼ inches (235mm).
21. Pivot the incline motor toward the front roller.
22. Reattach the green, black, and white wires¹ to the incline motor.



¹ Incline motor wire configuration: green = ground, black = up, white = common.

HOW TO...REPLACE THE INCLINE MOTOR OR MOTOR CONTROLLER

23. Plug in and turn on the treadmill.

If the motor controller is being replaced, proceed to step 24. If only the incline motor is being replaced, skip to the "Calibration" section on the next page.

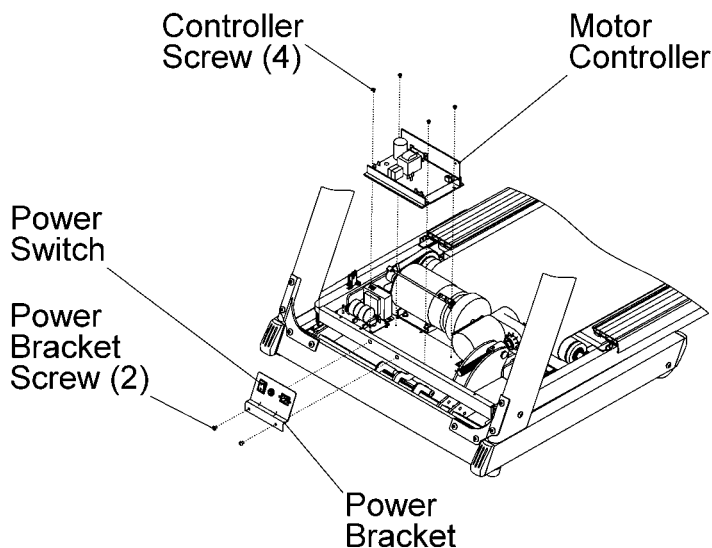
24. Disconnect all electrical connectors from the motor controller board. See the wiring diagrams later in this section.

25. Remove the controller screws and lift the motor controller out of the frame.

26. Reverse steps 26 and 27 to install the new motor controller.

27. Plug in and turn on the treadmill.

Complete the calibration procedure described on the following page.



HOW TO...REPLACE THE INCLINE MOTOR OR MOTOR CONTROLLER

MOTOR CONTROLLER CALIBRATION PROCEDURES

NOTE: The following calibration procedure is critical to the treadmill's operation. The unit must always be calibrated after an incline motor or motor controller replacement.

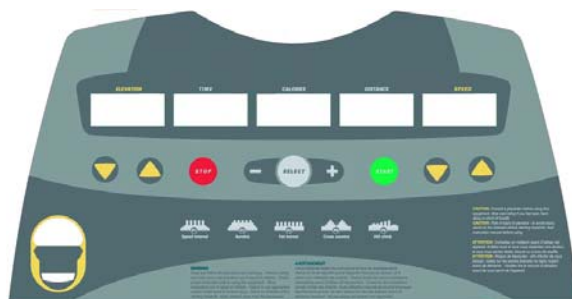
For "Deluxe" (3-window) consoles:

1. Raise the deck to its maximum incline.
2. Simultaneously press the ELEVATION UP, ELEVATION DOWN, and the "9" keys until a "click" is heard.
3. Release the ELEVATION UP and "9" keys but continue to hold the ELEVATION DOWN key until the unit reaches zero incline.
4. Release the DOWN key.
5. A "0" in the display indicates that the incline motor has been recalibrated.
6. If an "Error 5" message appears, the motor controller did not calibrate correctly. Raise the unit again (steps 7 through 11 on page 2) and repeat the calibration procedure until a "0" is displayed.
7. Test the unit's lift functions and reinstall the motor cover to complete the installation.

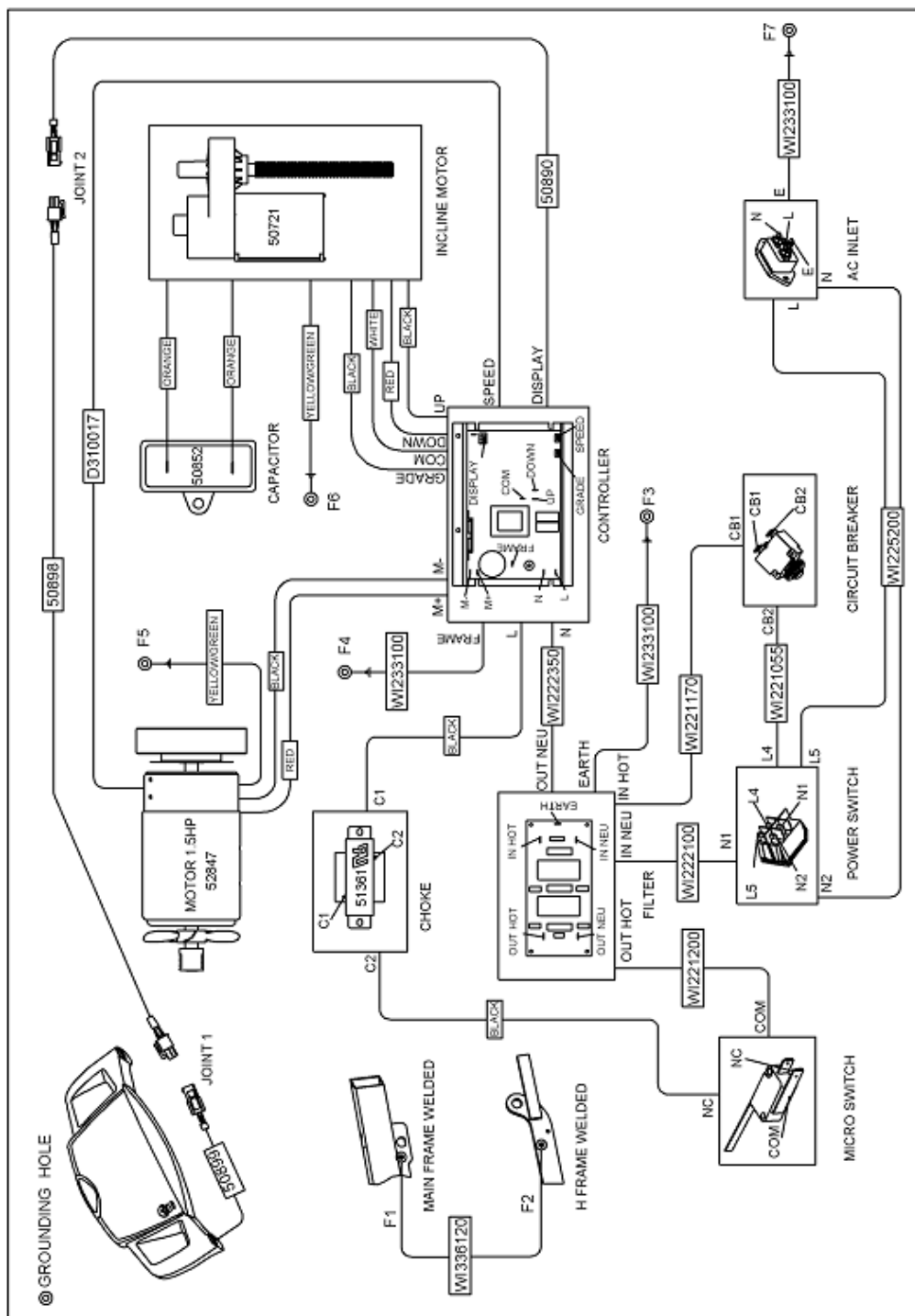


For "Standard" (5-window) consoles:

1. Raise the deck to its maximum incline.
2. Simultaneously press the STOP and ELEVATION DOWN keys until a "click" is heard.
3. Release the ELEVATION DOWN key but continue to hold the DOWN key until the deck incline reaches zero.
4. Release the DOWN key.
5. A "0" in the display indicates that the incline motor has been recalibrated.
6. If an "Error 5" message appears, the motor controller did not calibrate correctly. Raise the unit again (steps 7 through 11 on page 2) and repeat the calibration procedure until a "0" is displayed.
7. Test the unit's lift functions and reinstall the motor cover to complete the installation.



WIRING DIAGRAM 2 (CE VERSION)



HOW TO...REPLACE THE INCLINE MOTOR OR MOTOR CONTROLLER

WIRING DIAGRAM 2 (NON-CE VERSION)

